

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A composition for detecting a target microorganism in a sample, comprising a conditionally detectable marker that undergoes a color change when reacted upon by a viable microorganism in the sample, and a substrate for an aminopeptidase, wherein said aminopeptidase is substantially absent from the target microorganism, wherein said target microorganism is selected from the group consisting of *Salmonella*, *Listeria*, *E.coli* OH157, *Campylobacter*, *Staphylococcus aureus*, *Cryptosporidium*, and *Giardia*, wherein said substrate comprises a signal moiety, the signal moiety capable of providing a detectable signal when cleaved by substantially all non-target microorganisms, and wherein said conditionally detectable marker and said substrate for an aminopeptidase are not the same molecule.

2-4. (Canceled).

5. (Currently Amended) The composition of claim 14, wherein said bacteria is *Campylobacter*.

6. (Canceled).

7. (Previously Presented) The composition of claim 1, wherein said conditionally detectable marker comprises tetrazolium red.

8.-9. (Canceled)

10. (Previously Presented) The composition of claim 1, wherein said aminopeptidase is an L-alanine-aminopeptidase.

11. (Previously Presented) The composition of claim 10, wherein said substrate is selected from the group consisting of L-Alanine-7-amido-4-methylcoumarin, L-Alanine-7-amido-4-methylcoumarin TFA, L-Alanine-7-amido-4-trifluoro-methylcoumarin TFA, L-Alanyl-L-alanyl-L-phenylalanine-7-amido-4-methylcoumarin, and L-Alanyl-L-alanyl-L-phenylalanine-7-amido-4-methylcoumarin TFA.

12. (Original) The composition of claim 11, wherein said substrate is L-alanine-7-amido-4-methylcoumarin.

13. (Previously Presented) The composition of claim 8, wherein said non-target microorganisms include substantially all non-*Campylobacter* species.

14. (Original) The composition of claim 1, further comprising a growth-supporting medium for the target microorganism.

15. (Original) The composition of claim 14, wherein said growth supporting medium contains all necessary nutrients and growth conditions to properly support the growth of the target microorganism.

16. (Original) The composition of claim 14, wherein said growth supporting medium contains antibiotics to suppress the growth of non-target microorganisms.

17.-24. (Canceled)

25. (New) A composition for detecting *Campylobacter* in a sample, comprising a conditionally detectable marker that undergoes a color change when reacted upon by *Campylobacter*, and a substrate for an aminopeptidase, wherein said aminopeptidase is substantially absent from the *Campylobacter* target microorganism, wherein said substrate comprises a signal moiety, the signal moiety capable of providing a detectable signal when

cleaved by substantially all non-target microorganisms, and wherein said conditionally detectable marker and said substrate for an aminopeptidase are not the same molecule.

26. (New) The composition according to claim 25, wherein said aminopeptidase comprises L-alanine aminopeptidase.